

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11214

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61P7/00 A61K31/502 A61K31/56 A61K31/573 A61K31/17

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 98 35958 A (NOVARTIS ERFIND VERWALT GMBH ;CIBA GEIGY AG (CH); TRAXLER PETER (C) 20 August 1998 (1998-08-20) cited in the application the whole document	1-14
A	WO 00 59509 A (NOVARTIS ERFIND VERWALT GMBH ;DAWSON KING JANET (CH); MANLEY PAUL) 12 October 2000 (2000-10-12) the whole document	1-14



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

13 February 2004

Date of mailing of the international search report

23/02/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/11214

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	HASSELBALCH H C: "A POSSIBLE ROLE FOR STI571 IN THE TREATMENT OF IDIOPATHIC MYELOFIBROSIS" AMERICAN JOURNAL OF HEMATOLOGY, NEW YORK, NY, US, vol. 68, no. 1, September 2001 (2001-09), pages 63-64, XP009013010 the whole document	1-14
A	LIN BORIS ET AL: "The vascular endothelial growth factor receptor tyrosine kinase inhibitor PTK787/ZK222584 inhibits growth and migration of multiple myeloma cells in the bone marrow microenvironment" CANCER RESEARCH, AMERICAN ASSOCIATION FOR CANCER RESEARCH, BALTIMORE, MD, US, vol. 62, no. 17, 1 September 2002 (2002-09-01), pages 5019-5026, XP002258076 ISSN: 0008-5472 the whole document	1-14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP 03/11214

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 1-5, 9, 14 (Industrial applicability)
because they relate to subject matter not required to be searched by this Authority, namely:
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☒ Claims Nos.: 1, 4-6, 11 and 14
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claims 1-5, 9, 14 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.

Continuation of Box I.1

Claims Nos.: 1-5, 9, 14 (industrial applicability)

Rule 39.1(iv) PCT - Method for treatment of the human or animal body by therapy

Continuation of Box I.2

Claims Nos.: 1, 4-6, 11 and 14

Present claims 1, 4-6, 11 and 14 refer to a product defined by reference to a desirable characteristic or property, namely to "a 4-pyridylmethyl-phthalazine derivative".

Said definition cover all compounds having this characteristic or property, whereas the application provides support within the meaning of Article 6 PCT and/or disclosure within the meaning of Article 5 PCT for only a very limited number of such compounds. In the present case, the claims so lack support, and the application so lacks disclosure, that a meaningful search over the whole of the claimed scope is impossible. Independent of the above reasoning, the claims also lack clarity (Article 6 PCT). An attempt is made to define the compound by reference to a result to be achieved. Again, this lack of clarity in the present case is such as to render a meaningful search over the whole of the claimed scope impossible. Consequently, the search has been carried out for those parts of the claims which appear to be clear, supported and disclosed, namely those parts relating to the compounds falling within formula I as specified in claims 2 and 12.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/11214

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9835958	A	20-08-1998	AU	731852 B2		05-04-2001
			AU	6621898 A		08-09-1998
			BR	9807685 A		21-03-2000
			CN	1251097 T		19-04-2000
			CZ	9902853 A3		17-11-1999
			WO	9835958 A1		20-08-1998
			EP	0970070 A1		12-01-2000
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			ID	23698 A		11-05-2000
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			NZ	337064 A		27-04-2001
			PL	335113 A1		10-04-2000
			RU	2207132 C2		27-06-2003
			SK	109699 A3		13-03-2000
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			US	2003191129 A1		09-10-2003
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			US	2002091261 A1		11-07-2002
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			AU	4112500 A		23-10-2000
			BR	0009507 A		15-01-2002
			CA	2366857 A1		12-10-2000
			CN	1367695 T		04-09-2002
			WO	0059509 A1		12-10-2000
			EP	1165085 A1		02-01-2002
			JP	2002541108 T		03-12-2002
			NO	20014655 A		19-10-2001
			US	2003013718 A1		16-01-2003